

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/505 C07D239/42 C07D401/04 C07D401/14 C07D403/04  
C07D417/04 A61K31/506 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZIMMERMANN J ET AL: "Phenylamino-pyrimidine (PAP) - derivatives: a new class of potent and highly selective PDGF-receptor autophosphorylation inhibitors" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 6, no. 11, 4 June 1996 (1996-06-04), pages 1221-1226, XP004134858 ISSN: 0960-894X scheme 1 compounds 2-9 -----	1-34
X	WO 02/22597 A (NOVARTIS ERFINDE VERWALT GMBH ; BREITENSTEIN WERNER (CH); CARAVATTI GIO) 21 March 2002 (2002-03-21) page 5, paragraph 3 - page 13, paragraph 2; claims; examples ----- -/-	1-34

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

03/09/2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

ational Application No

/EP2004/006317

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/093164 A (AXXIMA PHARMACEUTICALS AG ; BACHER GERALD (DE); MUELLER STEFAN (DE); S) 21 November 2002 (2002-11-21) claims; compounds 8,16-18,21,22,29,30,32,34,36,37,39,46,51,5 2,53,55, compounds 56,73,	1-34
P,X	TANIS, KEITH Q. ET AL: "Two distinct phosphorylation pathways have additive effects on Abl family kinase activation" MOLECULAR AND CELLULAR BIOLOGY , 23(11), 3884-3896 CODEN: MCEBD4; ISSN: 0270-7306, June 2003 (2003-06), XP002292218 the whole document	1-34
P,X	WO 03/062220 A (NOVARTIS PHARMA GMBH ; END PETER (CH); NOVARTIS AG (CH); BOERNSEN KLAU) 31 July 2003 (2003-07-31) claims 1,5,6,8,10-12	1-25, 31-34
P,X	WO 03/066613 A (NOVARTIS PHARMA GMBH ; NOVARTIS AG (CH); KAUFMANN DANIEL (CH); SCHMITZ) 14 August 2003 (2003-08-14) claims; examples 7-10	1-25, 31-34
P,X	WO 03/070173 A (GUTKE HANS-JURGEN ; BECK ALBERT (DE); WOLFF MICHAEL (DE); BARKER LAURE) 28 August 2003 (2003-08-28) compounds 110,111	1
P,X	RACHID, ZAKARIA ET AL: "Synthesis of pyrimidinopyridine-triazene conjugates targeted to abl tyrosine kinase" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS , 13(19), 3297-3300 CODEN: BMCLE8; ISSN: 0960-894X, 2003, XP002292219 the whole document	1-34
A	US 6 180 631 B1 (KUTSCHER BERNHARD ET AL) 30 January 2001 (2001-01-30) the whole document	1-34
A	WO 03/022833 A (NAYLOR ANTOINETTE ; DEAN DAVID KENNETH (GB); SMITHKLINE BEECHAM PLC (G) 20 March 2003 (2003-03-20) page 26, line 6 - page 30, line 22; claims; examples 11,15,16	1-34

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2004/006317

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 26-30 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/EP2004/006317

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0222597	A	21-03-2002	AU 1816702 A BR 0113838 A CA 2416274 A1 WO 0222597 A1 EP 1322634 A1 JP 2004509111 T US 2004102453 A1	26-03-2002 03-06-2003 21-03-2002 21-03-2002 02-07-2003 25-03-2004 27-05-2004
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